

Abstract of the Disclosure

An electroluminescent driver circuit with improved power consumption efficiency. In one embodiment, an electroluminescent driver circuit comprises a load to provide illumination, an inductor, a transistor and a plurality of switches. The inductor has a first side coupled to a positive terminal of a power supply and a second side selectively coupled to the load. The transistor is coupled to selectively conduct current from the second side of the inductor to a ground terminal of the power supply in response to a digital signal. The plurality of switches are coupled to the load to selectively charge and discharge the load. Moreover, the switches selectively provide a discharge path for positive charge on the load to be discharged to the positive terminal of the power supply.